

50. (New) The device of Claim 41 wherein the angling mechanism includes a support device which can hold the membrane for filtering a fluid at a non zero-angle relative to the plane of the plate.
51. (New) The device of Claim 41 wherein the angling mechanism includes a wedge.
52. (New) The device of Claim 41 wherein the angling mechanism is placed between the center of rotation of a centrifuge and a base of a swinging bucket attached to said centrifuge.
53. (New) The device of Claim 41 wherein each of the plurality of wells includes the angling mechanism.
54. (New) The device of Claim 53 wherein each angling mechanism in each well includes an individually specified angle relative to the line.
55. (New) The device of Claim 41 wherein the plane of the membranes are at a non-zero angle relative to the plane of the plate.
56. (New) The device of Claim 41 wherein the membrane includes a microfiltration membrane.
57. (New) The device of Claim 41 wherein the membrane includes an ultrafiltration membrane.
58. (New) The device of Claim 41 wherein said wells are arranged in rows and columns.
59. (New) The device of Claim 58 wherein the angles of the membranes within a row are substantially the same.

60. (New) The centrifuge of Claim 41 wherein the angling mechanism has an angle between 5° and 30°.
61. (New) The device of Claim 41 wherein the plurality of wells includes at least 96 wells.
62. (New) The device of Claim 41 wherein the plurality of wells includes at least 384 wells.
63. (New) The device of Claim 41 for use in a centrifuge for increasing average filtrate flow rate in a filtration well plate.
64. (New) The device of Claim 38 wherein the planes of the membranes are at a non 90° angle relative to the line.
65. (New) The device of Claim 38 wherein the membrane includes a microfiltration membrane.
66. (New) The device of Claim 38 wherein the membrane includes an ultrafiltration membrane.
67. (New) The device of Claim 38 wherein said wells are arranged in rows and columns.
68. (New) The device of Claim 67 wherein the angles of the membranes within a row are substantially the same.
69. (New) The centrifuge of Claim 38 wherein the angling mechanism has an angle between 5° and 30°.
70. (New) The device of Claim 38 wherein the plurality of wells includes at least 96 wells.
71. (New) The device of Claim 38 wherein the plurality of wells includes at least 384 wells.